

METHOD FOR ACTIVATING NANOTUBES AS FIELD EMISSION SOURCES

ABSTRACT

5 A field emission source comprising a first conductive region, a layer of nanotubes deposited on the first conductive region, and a second conductive region placed over and spaced from the nanotube coated first conductive region. After the device structure is fabricated, a laser beam is used to

10 dislodge one end of the nanotube from the first conductive surface and an electric field is simultaneously applied to point the freed end of the nanotube at the second conductive region.